

standards, a manufacturer may elect to split an engine family into two subfamilies (e.g., one which uses credits and one which generates credits). The manufacturer must indicate in the application for certification that the engine family is to be split, and may assign the numbers and configurations of engines within the respective subfamilies at any time prior to the submission of the end-of-year report required by § 86.001–23.

(i) Manufacturers certifying a split diesel engine family to both the Phase 1 and Phase 2 standards with equally sized subfamilies may exclude the engines within that split family from end-of-year NO_x (or NO_x+NMHC) ABT calculations, provided that neither subfamily generates credits for use by other engine families, or uses banked credits, or uses averaging credits from other engine families. All of the engines in that split family must be excluded from the phase-in calculations of § 86.007–11(g)(1) (both from the number of engines complying with the standards being phased-in and from the total number of U.S.-directed production engines.)

(ii) Manufacturers certifying a split Otto-cycle engine family to both the Phase 1 and Phase 2 standards with equally sized subfamilies may exclude the engines within that split family from end-of-year NO_x (or NO_x+NMHC) ABT calculations, provided that neither subfamily generates credits for use by other engine families, or uses banked credits, or uses averaging credits from other engine families. All of the engines in that split family must be excluded from the phase-in calculations of § 86.008–10(f)(1) (both from the number of engines complying with the standards being phased-in and from the total number of U.S.-directed production engines.)

(iii) Manufacturers certifying a split engine family may label all of the engines within that family with a single NO_x or NO_x+NMHC FEL. The FEL on the label will apply for all SEA or other compliance testing.

(iv) Notwithstanding the provisions of paragraph (m)(9)(iii) of this section, for split families, the NO_x FEL shall be used to determine applicability of the

provisions of §§ 86.007–11(a)(3)(ii), (a)(4)(i)(B), and (h)(1), and 86.008–10(g).

(10) For model years 2007 through 2009, to be consistent with the phase-in provisions of § 86.007–11(g)(1), credits generated from engines in one diesel engine service class (e.g., light-heavy duty diesel engines) may be used for averaging by engines in a different diesel engine service class, provided the credits are calculated for both engine families using the conversion factor and useful life of the engine family using the credits, and the engine family using the credits is certified to the standards listed in § 86.007–11(a)(1). Banked or traded credits may not be used by any engine family in a different service class than the service class of the engine family generating the credits.

[66 FR 5163, Jan. 18, 2001]

§ 86.007–17 Onboard diagnostics for engines used in applications less than or equal to 14,000 pounds GVWR.

Heavy-duty engines intended to be installed in heavy duty vehicles at or below 14,000 pounds GVWR that are subject to standards under this subpart must meet onboard diagnostic requirements as specified in § 86.1806.

[79 FR 23688, Apr. 28, 2014]

§ 86.007–21 Application for certification.

Section 86.007–21 includes text that specifies requirements that differ from § 86.004–21, 86.094–21 or 86.096–21. Where a paragraph in § 86.004–21, 86.094–21 or 86.096–21 is identical and applicable to § 86.007–21, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.004–21.”, “[Reserved]. For guidance see § 86.094–21.”, or “[Reserved]. For guidance see § 86.096–21.”.

(a)–(b)(3) [Reserved]. For guidance see § 86.094–21.

(b)(4)(i) [Reserved]

(b)(4)(ii)–(b)(5)(iv) [Reserved]. For guidance see § 86.094–21.

(b)(5)(v)–(b)(6) [Reserved]. For guidance see § 86.004–21.

(b)(7)–(b)(8) [Reserved]. For guidance see § 86.094–21.

(c)–(j) [Reserved]. For guidance see § 86.094–21.